

# CERES SCF STATUS

| <i>Description</i>                     | <i>August 25, 2004 Status</i>   | <i>Problems</i> |
|--|---|-----------------|
| <b>SUN Upgrades</b>                    | No new updates.   |                 |
| <b>SGI Upgrades</b>                    | No new updates.   |                 |
| <b>MAC Upgrades</b>                    | No new updates.   |                 |
| <b>PC Upgrades</b>                     | No new updates.   |                 |
| <b>Thunder, Lightning &amp; Lanina</b> | <p>The old <i>ceresarchive</i> has been removed from the server room to make room for the new archive/nearline storage system. The new Macintosh system with its associated RAID is currently being assembled at this time.</p> <p>Disk 4 on controller 9 on <i>thunder</i> has been monitored this past reporting period. No problems have been experienced since it dropped off-line during the previous reporting period.</p> <p>The CERES testbed OS/Compilers test schedule, as previously revised, is shown below.</p> <p>1.) Inversion (Complete)<br/>Sandy has completed testing of the Inversion subsystem. No problems were reported.</p> <p>2.) Instrument (Complete)<br/>Denise has completed testing of the Instrument subsystem. No problems were reported.</p> <p>3.) Clouds (In progress)<br/>Walt is in the process of testing at this time.</p> <p>4.) SARB (In progress)<br/>Scott is in the process of testing at this time.</p> <p>5.) GGEO (In progress)<br/>Joe is in the process of testing at this time.</p> <p>6.) TISA (Complete)<br/>Raja has completed testing.</p> <p>7.) ERBELIKE (Complete)<br/>Dale has completed testing.</p> |                 |
| <b>Security</b>                        | An update will be provided during the meeting.  |                 |

| <i>Description</i>   | <i>August 25, 2004 Status</i>   |           |            |       | <i>Problems</i> |
|----------------------|---|-----------|------------|-------|-----------------|
| <b>Toolkit</b>       | No new updates.   |           |            |       |                 |
|                      | Prior Info:<br>The latest tested version of the toolkit is version 2.9.v1.00. The latest version of the toolkit installed but not tested is version 2.10.v1.00. This chart reflects the latest tested version of the toolkit by the CERES subsystems. |           |            |       |                 |
|                      |   |           |            |       |                 |
|                      | Software  |           | Version    |       |                 |
|                      | -----   |           | -----      |       |                 |
|                      | HDF-EOS   |           | 2.9v1.00   |       |                 |
|                      | HDF-EOS   |           | 5.1.5      |       |                 |
|                      | HDF   |           | 4.1r5      |       |                 |
|                      | HDF   |           | 5-1.4.4    |       |                 |
|                      | SDPTK   |           | 5.2.9v1.00 |       |                 |
|                      |   |           |            |       |                 |
| BRAND                |   | COMPILER  | ABI        | ISA   |                 |
| -----                |   | -----     | ----       | ----- |                 |
| sgi                  |   | f95 (NAG) | 64         | mips4 |                 |
| sgi32                |   | f90 (SGI) | n32        | mips3 |                 |
| sgi64                |   | f90 (SGI) | 64         | mips4 |                 |
| <b>DMSS Transfer</b> | No new updates.   |           |            |       |                 |
| <b>CERESlib</b>      | No new updates.   |           |            |       |                 |

## CERES SCF/DAAC Server Information

| Server Name:             | Asdsun        | Thunder        | Lightning      | Lanina         | ctb-g          | Samantha <sup>1</sup> | Warlock        | Darrin         |
|--------------------------|---------------|----------------|----------------|----------------|----------------|-----------------------|----------------|----------------|
| <i>System Type</i>       | Sun Fire V880 | Origin 3800    | Origin 3800    | Origin 3800    | Octane         | Origin 2000           | Origin 3800    | Origin 2000    |
| <i>Operating System</i>  | Solaris 8     | IRIX64 6.5.16m | IRIX64 6.5.16m | IRIX64 6.5.16m | IRIX64 6.5.22m | IRIX64 6.5.18m        | IRIX64 6.5.17m | IRIX64 6.5.22m |
| <i>Fortran compilers</i> | SUNWsprow 4.0 | 7.3.1.3m       | 7.3.1.3m       | 7.3.1.3m       | 7.4            | 7.3.1.3m              | 7.3.1.3m       | 7.4            |
| <i>Toolkit (default)</i> | TK5.2.7v1     | TK5.2.7v1      | TK5.2.7v1      | TK5.2.7v1      | TK5.2.7v1      |                       | TK5.2.7v1      | TK5.2.7v1      |
| <i>Toolkit (other)</i>   |               | TK5.2.9v1      | TK5.2.9v1      | TK5.2.9v1      | TK5.2.9v1      |                       | TK5.2.9v1      |                |
| <i>Ada</i>               | N/A           | 1.3            | 1.3            | 1.3            | 1.3            |                       | 1.3            | 1.3            |
| <i>IDL</i>               | 5.6           | 5.5            | 5.5            | 5.5            | 5.5            | 5.5 (demo mode)       | 5.5            | 5.3            |
| <i>NAG fortran 95</i>    | 1.0(439)      | 1.0(428)       | 1.0(428)       | 1.0(428)       | 1.0(428)       | Removed               | 1.0(428)       | 1.0(428)       |
| <i>HDF</i>               | 4.1.r3        | 4.1.r3         | 4.1.r3         | 4.1.r3         | 4.1.r3         |                       | 4.1.r3         |                |
| <i>Proposed upgrades</i> | None          | None           | None           | None           | None           | None                  | None           |                |
| <i>Problems</i>          | None          | None           | None           | None           | None           | None                  | None           | None           |

1. New *samantha* (previously *trance*).

### NOTES:

Currently the SCF is not able to backup all data stored on the SCF servers. On the SCF SGI servers: *thunder*, *lightning* and *lanina* the partitions ending with an "-" followed by a numeric number are currently being backed up on a regular schedule. The partitions ending with an "-" followed by an alpha character are considered scratch space and are not being backed up. Any data stored on these non-backed up partitions should be considered recoverable or reproducible from other sources.

Systems *warlock* and *samantha2* were merged into one system (*warlock*) on Tuesday, August 19.

All CERES processing was transitioned to *warlock*.

Date last updated (server info chart only): 07/12/04